



**Equipment Manufacturers International, Inc.**

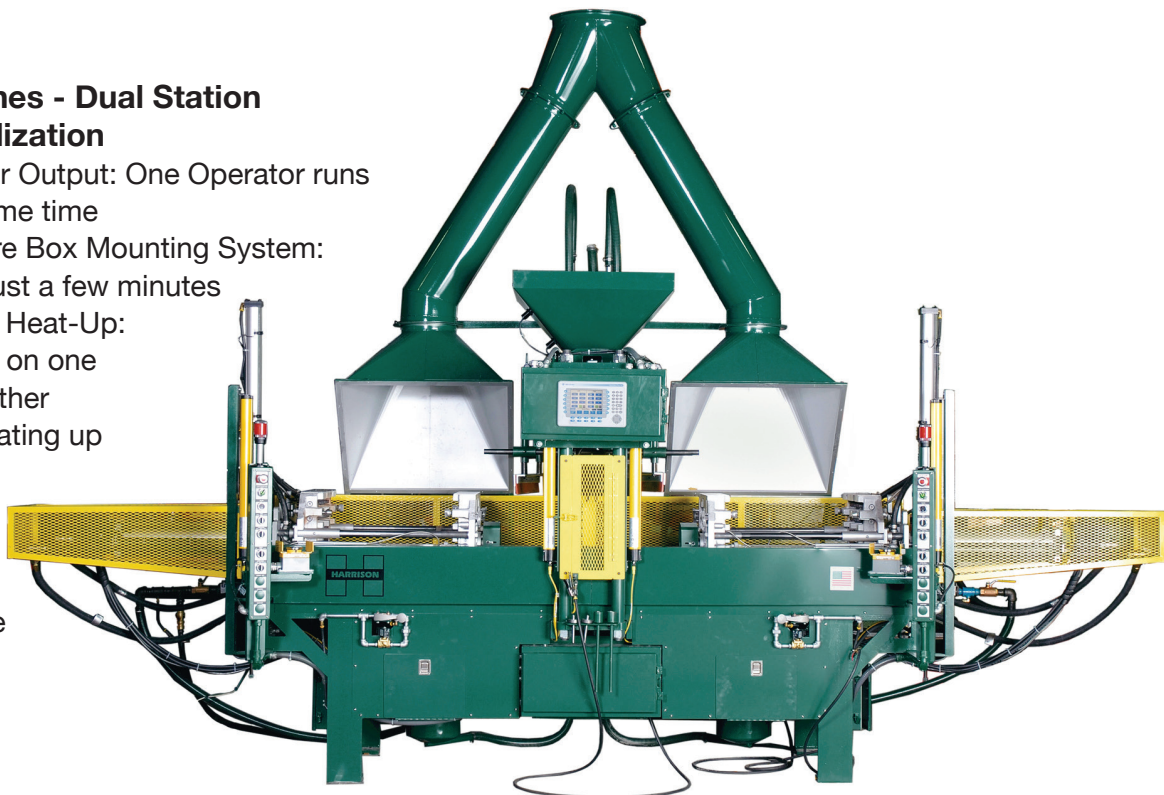
Foundry Equipment...By Design

## **SHELL AND HOT BOX CORE MACHINES**

Dual Station Innovation for Today's Foundry

### **Shell Core Machines - Dual Station Productivity & Utilization**

- Increases Operator Output: One Operator runs two jobs at the same time
- Quick Change Core Box Mounting System: change boxes in just a few minutes
- Production During Heat-Up: run full production on one station while the other station's box is heating up
- High Speed Operation:
  - high efficiency pneumatics
  - enable faster cycle times



### **Dual Station Unparalleled Flexibility** - Suit the needs of a constantly changing industry:

- Rollover System: makes hollow cores, ON/OFF selector switches at each station allow program selection for shell or oscillate modes with timers and automatic vibration
- Three Piece Boxes capability
- Large Core on (1) Station, Small Core(s) on Other Station or Same on Both Stations
- Long Run on (1) Station & Jobbing Work on Other Station
- Hollow Core(s) on (1) Station & Solid on the Other Station, or Same on Both Stations
- Superior Productivity and Utilization: fewer machines are required to meet capacity demand
- Higher Productivity & Fewer Machines means more cores per energy & labor unit = lower operating cost
- Lower COST-per-CORE = quick payback & higher margins equal an increased Competitive Advantage

### **Vertically Parted Tooling – Dual Station –** ([click here for weblink](#))

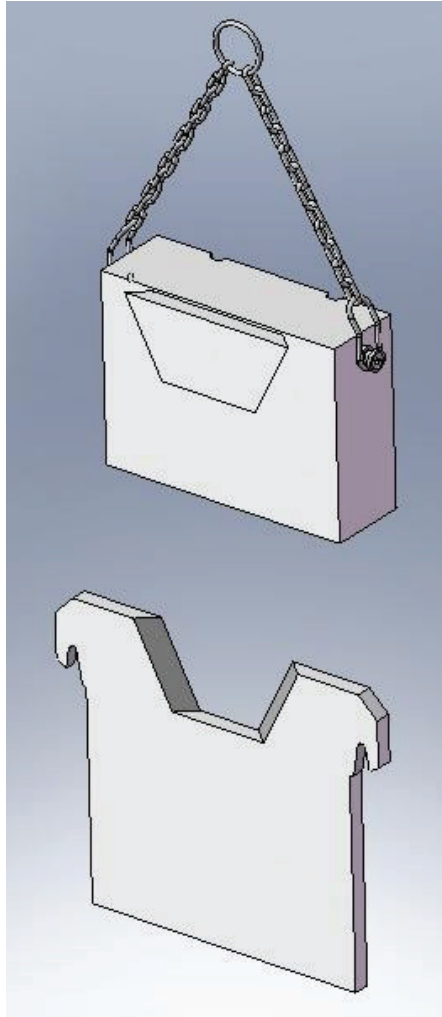
Model	Blow Capacity (L)	Shooting Area (in)	Tooling Dims (in) W x H	Dry Cycle (sec)	Power
DS-1616	10	16 x 4	16 x 16	18	Pneumatic
DS-1818	15	18 x 4	18 x 18	18	Pneumatic
DS-2424	25	24 x 6	24 x 24	21	Pneumatic
DS-3030	30	30 x 6	30 x 30	21	Hydraulic

*All products offered as gas or electric heating. Roll over rock/invest-standard.  
Solid cores, tilt down eject-optional*

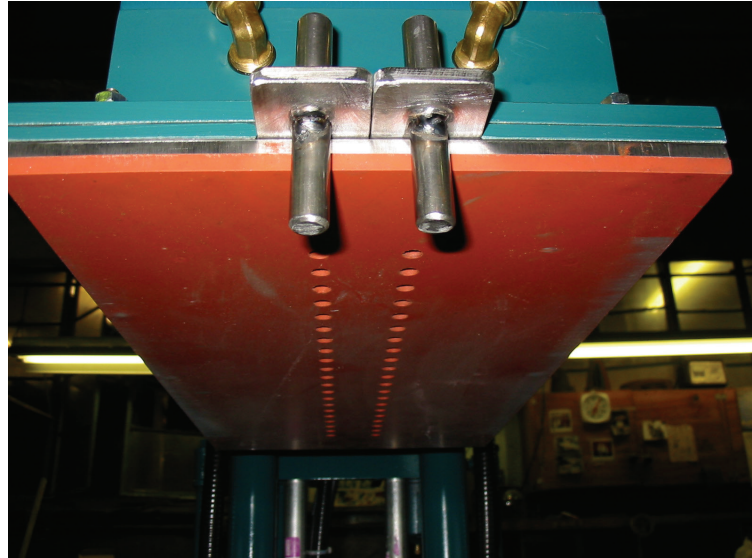
## Available Options

Ventilation Hoods and Vent Ducting  
Core Ejection System  
Quick Change Core Box System  
Jib Crane  
Mandrel Mounting Units  
Sand Mixers

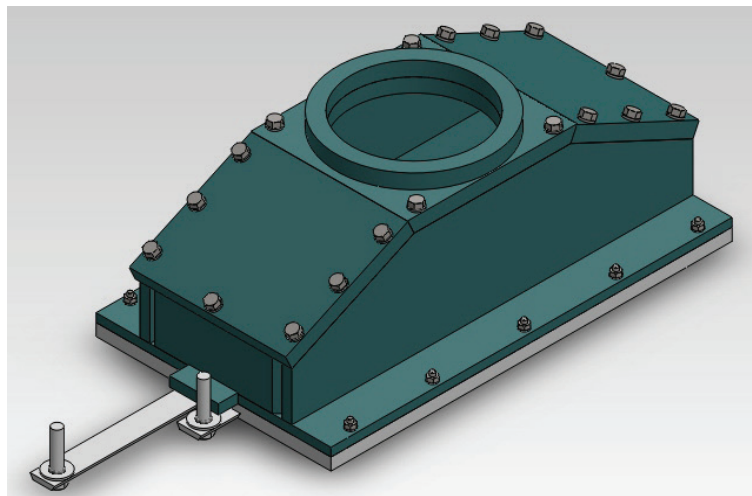
Auto Strike Off System  
Core Box Pre-Heating Stations  
Dual Sand Investment System  
Core Lift Assist Systems  
Automated Core Unloading System  
Sand Storage Hopper and Sand Pumps



**Quick Change System**  
Core box mounted "wedge"  
quickly fits into fixed platen



**Dual Blow Plate**  
Runs two boxes with dissimilar Blow-Hole  
arrangements simultaneously



**Quick Change Blow Hole Inserts**  
Change the blow hole arrangement,  
not the blow plate



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